## **COPY OF PAPERS** ORIGINALLY FILED



Sheet 1 of 1 ATTY. DOCKET NO. APPLICATION NO. FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE 09/897,778 210121.455C16 (REV.7-80) APPLICANTS TAL INFORMATION Tongtong Wang et al. **BESCHOOS** RE STATEMENT (Use several sheets if necessary) **GROUP ART UNIT** FILING DATE June 28, 2001 **U.S. PATENT DOCUMENTS** FILING DATE IF APPROPRIATE \*EXAMINER CLASS SUBCLASS DOCUMENT NUMBER DATE NAME INITIAL Sul 6,297,364 536 Chen et al. 10/2/01 AΑ ΑB AC ΑD FOREIGN PATENT DOCUMENTS TRANSLATION DOCUMENT NUMBER COUNTRY YES NO ΑE AF AG ΑH ΑI OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) Geneseq Accession Number AAC66035, February 21, 2001. ΑJ Geneseq Accession Number AAZ36150, December 7, 1999. ΑK Jolly, D., "Viral vector systems for gene therapy," Cancer Gene Therapy 1(1):51-64, 1994. ΑL

DATE CONSIDERED **EXAMINER** \* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in

conformance and not considered. Include copy of this form with next communication to applicant(s).

D:\NrPortbl\iManage\LAWRENCE\303030\_1.DOC

AN

•		
EXPRESS MAIL NO. EV	V207697414US	



Sheet 1 of m

FORM PTO-1449 (REV.7-80)			.S. DEPARTMENT ATENT AND TRAD						ਲ 포	
THERD SU	KP DE	MENTAL INFORM		CLOSURE	ATTY. DOCKET NO. 210121.455C16  APPLICATION NO. 09/897,778  APPLICANTS Tongtong Wang et al.  FILING DATE June 28, 2001  CROCHMENTS					
NOV 0 5 2	- 4	Use several sheets if ne	ecessary)		FILING DATE June 28, 2001		GROUP ART UNIT	2	600/2	
*EXAMINER DOCUMENT NUMBER DATE NAME CLASS SUBCLASS									90	
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME	CLA	SS SUBCLASS		DATE OPRIATE	
gul	АА	5,589,579	12/31/96	Torczynsk	ti et al.	536	23.1			
	AB									
	AC									
	AD									
			FOREI	GN PATEN	T DOCUMENTS					
		DOCUMENT NUMBER	DATE		COUNTRY			TRANS YES	LATION NO	
411	AE /	WO 99/54738	10/28/99	WIPO						
gu gu	AF	WO 00/61612	10/19/00	WIPO	······································					
	AG									
	АH									
	AI									
	I	ОТНЕ	R PRIOR A	RT (Including	Author, Title, Date, Pertinent Pa	ges Etc.)		<u> </u>		
Sul	AJ		Lin et al., "Is	solation and	characterization of a			d in mu	ltiple	
Güre, A.O. et al., "Human Lung Cancer Antigens Recognized by Autologous Antibodies Definition of a Novel cDNA Derived from the Tumor Suppressor," Cancer Research 58: 1034-1041, March 1, 1998.										
	AL									
	AM									
	AN									
EXAMINE	3	Shin-Liv	r che	'n	DATE CONSIDERED	4	1-28-v3	•		
* EXAMINE					nformance with MPEP 609. Draw with next communication to appli		ough citation if not	in		

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. 210121.455C16

APPLICATION NO. 09/897,778

INFORMATION SCLOSURE STATEM			ENT	APPLICANTS  Tongtong Wang et a	1.				
		(Use several sheets if ne			FILING DATE June 28, 2001		OUP ART UNIT		
			U.S.	. PATENT I	DOCUMENTS				
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS		DATE OPRIATE
GIL	AA	5,783,422	07/21/98	Suminam	i et al.	435	69.3		
SU	AB	5,705,159	01/06/98	Irie et al		424	185.1		<del></del>
·	L		FOREI	GN PATEN	NT DOCUMENTS		-		
	<u> </u>	DOCUMENT NUMBER	DATE		COUNTRY			TRANS YES	LATION
Gul	AC	WO 99/47674	09/23/99	WIPO					
1	AD	WO 99/38973	08/05/99	WIPO				_	1
	AE	WO 98/46788	10/22/98	WIPO					1
	AF	WO 98/35985	08/20/98	WIPO					
	AG	WO 97/07244	02/27/97	WIPO					1
	AH	WO 96/30389	10/03/96	WIPO					$\parallel -$
	+	WO 96/28473	09/19/96	WIPO					-
	Al	EP0695760A1	02/07/96		Patent Office				
	AJ			WIPO	Tatent Office				
	AK	WO 96/02552	02/01/96					<del>                                     </del>	
	AL	WO 95/21862	08/17/95	WIPO				-	
	AM	WO 94/06929	03/31/94	WIPO				/-	
Su	AN	WO 91/18926	12/12/91	WIPO				/	
	<b>,</b>	·			Author, Title, Date, Pertinent P				
5 K	АО				n of Rb2/p130 and p10 cer Research 3(10):16				ınd in
su	AP		nmune resp	onse in squ	actor eIF-4gamma is eamous cell lung carcin				e and
EXAMIN	ER	Shin-Li			DATE CONSIDERED	4-	28-03		

\* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

<u> </u>		· (2)						Sheet _2	<u>2</u> of <u>4</u>		
FORM PTO-144 (REV.7-80)	9 (3	OCT 0 9 2001 U.S	OF COMMERCE EMARK OFFICE	ATTY, DOCKET NO. 210121.455C16							
		The same			APPLICANTS						
INF	ORM			IENT	Tongtong Wang et al						
		(Use several sheets if nec	essary)		FILING DATE June 28, 2001	GRC	OUP ART UNIT				
			U.S.	PATENT I	DOCUMENTS						
*EXAMINER INITIAL		DOCUMENT NUMBER DATE			NAME	CLASS	SUBCLASS		OPRIATE		
	BA										
			FOREI	GN PATEN	T DOCUMENTS						
		DOCUMENT NUMBER	DATE		COUNTRY				LATION		
	BB	Newber			· · · · · · · · · · · · · · · · · · ·	·		YES	NO		
		OTHE	D DDIOD A	DT a		-			<u> </u>		
		II	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	Author, Title, Date, Pertinent Pa						
gu	ВС	Database EMI	BL Nucleot	ide and Pro	tein Sequence, Access	ion No. A	I468638, N	March 1	<b>₹7</b> ,		
	BD	Database EMI cDNA 3' end,			. AA340797:EST4616	5 Fetal ki	dney II Ho	mo sap	iens		
	BE				. W22264:Human retindirectional, May 9, 19		Tsp-509I-cl	eaved			
	BF		Davidson et al., "Lung tumours immunoreactive for parathyroid hormone related peptide: analysis of serum calcium levels and tumour type," <i>Journal of Pathology 178</i> :398-401, January 1996								
	BG	Finch et al., "I	dentification		ed sequence activated of inogenesis, 12(8):1519	_	-				
	ВН		Gerhold and Caskey, "It's the genes! EST access to human genome content," <i>BioEssays</i> 18(12):973-981, 1996.								
	BI	expression of	Hara et al., "Characterization of cell phenotype by a novel cDNA library subtraction system: expression of CD8α in a mast cell-derived interleukin-4-dependent cell line," <i>Blood</i>								
5h	BJ	Henderson et	84(1):189-199, July 1, 1994.  Henderson et al., "Identification of lung tumor antigens for cancer immunotherapy: immunological and molecular approaches," <i>Immunological Investigation 29</i> (2):87-91, May 2000								
EXAMINE	R	Shin-Liv	, ch	m	DATE CONSIDERED	4-	28-03	<b>S</b>			
* EXAMINE		Initial if reference considered	d, whether or not		formance with MPEP 609. Draw	line through c	- <del>-</del>				

		OIPE									
		3							Sheet 3	of <u>4</u>	
FORM PTO-144 (REV 7-80)	PATER	OCT 0 9 2001	U.S. DEPARTMENT OF COMMERCE ATTY. DOCKET NO. APPLICATION NO. PATENT AND TRADEMARK OFFICE 210121.455C16 09/897,778								
INF	ORM	A TROBALIS CLOSU	RE STATEM	ENT	APPLICANTS Tongtong Wang et a	1.					
		(Use several sheets if ne	ecessary)		filing date June 28, 2001		GROU	JP ART UNIT			
			U.S.	PATENT I	DOCUMENTS						
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME	CLA	SS	SUBCLASS		DATE OPRIATE	
	CA										
			FOREI	GN PATEN	T DOCUMENTS						
		DOCUMENT	DATE		COUNTRY					LATION	
<u></u>	-	NUMBER							YES	NO	
	СВ										
		ОТНЕ	ER PRIOR A	RT (Including	Author, Title, Date, Pertinent Po	ages, Etc.,	)				
	СС	Hogan et al.,	Hogan et al., "The peptide recognized by HLA-A68.2-restricted, squamous cell carcinoma								
gu		of the lung-s	of the lung-specific cytotoxic T lymphocytes is derived from a mutated elongation fac-								
	<u> </u>	gene," Cance	er Research	<i>58</i> (22):514	4-5150, November 15	, 1998.					
١	CD	Hu et al., "A	small prolin	e-rich prote	ein, spr1: specific mar	ker for	squa	amous lun	g		
		carcinoma,"	Lung Cance	r 20:25-30,	1998.						
	CE	Lelievre et a	Lelievre et al., "Structural properties of chimeric peptides containing a T-cell epitope linked								
	CE		to a fusion peptide and their importance for in vivo induction of cytotoxic T-cell responses,"								
		European Jo	urnal of Bio	chemistry 2	<i>249</i> (3):895-904, <u>1997.</u>						
	CF	<del>                                     </del>			s: an array of possibilit		latur	e Biotechr	ology	16:27-	
		31, January	_								
	CG	Pastor et al.,	"Diagnostic	value of So	CC, CEA and CYFRA	21.1 i	n lui	ng cancer:	a Baye	sian	

European Journal of Biochemistry 249(3):895-904, 1997.

CF Marshall and Hodgson, "DNA chips: an array of possibilities," Nature Biotechnology 16:27-31, January 1998.

CG Pastor et al., "Diagnostic value of SCC, CEA and CYFRA 21.1 in lung cancer: a Bayesian analysis," Eur. Respir J. 10(3):603-609, March 1997.

CH Rammensee et al., "MHC ligands and peptide motifs: first listing," Immunogenetics 41:178-228, 1995.

CI Ramsay, G., "DNA chips: state-of-the art," Nature Biotechnology 16:40-44, January 1998.

CJ Ruppert et al., "Prominent role of secondary anchor residues in peptide binding to HLA-A2.1 molecules," Cell 74:929-937, September 10, 1993.

**EXAMINER** 

shin-Lin Chen

DATE CONSIDERED

4-28-03

\* EXAMINER:

Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449 (REV.7-80)

U.S. DEPARTMENT OF COMMERCE ATTY. DOCKET NO. 210121.455C16

APPLICATION NO. 09/897 778

The state of the s					210121.433C10   09/897,778							
INFORMATION DE CLOSURE STATEMENT				ENT	APPLICANTS Tongtong Wang et al.							
		(Use several sheets if ne	cessary)	-	FILING DATE June 28, 2001							
			U.S.	PATENT	DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME CLASS SUBCLASS FILT							
	DA											
			FOREI	GN PATE	NT DOCUMENTS							
	DOCUMENT DATE NUMBER					TRY TRANSLATION YES NO						
	DB											
		ОТНЕ	R PRIOR A	RT (Including	g Author, Title, Date, Pertinen	t Pages, Etc.)			:			
gi	DC	Russell and E J. Mol. Biol.			tures can be unconse	rved in prote	ins with si	nilar fo	olds,"			
	DD				ceptors with high aff 815-818, October 30		-MHC by d	ecreas	ing the			
	DE		se antigens o	of Mycoba	and immunological e				eted			
-	DF		al., "Targetin	ng p53 as a	general tumor antig	en," <i>Proc. N</i>	atl. Acad. S	Sci. US	SA .			
	DG	•	Visseren et al., "Identification of HLA-A *0201-restricted CTL epitopes encoded by the tumor-specific MAGE-2 gene product," <i>International Journal of Cancer</i> 73(1):125-130,									
	DH	carcinoma us	Wang et al., "Identification of genes differentially over-expressed in lung squamous cell carcinoma using combination of cDNA subtraction and microarray analysis," <i>Oncogene</i> 19(12):1519-1528, March 16, 2000.									
SN	DI	of novel cher	Wells and Peitsch, "The chemokine information source: identification and characterization of novel chemokines using the WorldWideWeb and expressed sequence tag databases,"  Journal of Leukocyte Biology 61:545-550, May 1997.									
-	DJ											
EXAMINE	R	Shin-L	in ch	en	DATE CONSIDER	ED 4-3.	8-03					
* EXAMIN		Initial if reference consider	red, whether or no	t criteria is in co	onformance with MPEP 609. I with next communication to a	_	citation if not in					